



#2

PATENT

Attorney's Docket No. MP0077

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Wu, Zining et al.

Group Art Unit: Not Yet
Assigned

Serial No.: 09/901,507

Examiner: Not Yet Assigned

Filed: July 9, 2001

Title: Soft-Output Decoding Method and Apparatus for Controlled Intersymbol
Interference Channels

CERTIFICATE OF MAILING

I hereby certify that this correspondence, and the documents attached hereto, are being deposited with the United States Postal Service as First Class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on this date.

Date: August 6, 2001
Abby Berghella

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the practice under 37 C.F.R. § 1.97 and § 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed information are also enclosed.

This Information Disclosure Statement is being filed within three months of the U.S. filing date or before the mailing date of a first Office Action on the merits. No certification or fee is required (37 CFR §1.97(b)).

CONCLUSION

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any over-payment to the credit card authorized in the attached Submission Of Credit Card Payment.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned indicating that such information has been considered.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Eric B. Janofsky', followed by a long horizontal line extending to the right.

Eric B. Janofsky
Attorney for Applicants
Registration No. 30759

Please address all correspondence to:

Marvell Semiconductor, Inc.
Intellectual Property Department
645 Almanor Avenue
Sunnyvale, CA 94086
Phone: (408) 222-1953
Fax: (408) 328-0918
Customer No. 23624

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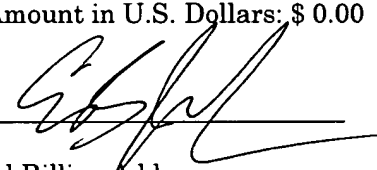
Title: Soft-Output Decoding Method and Apparatus for Controlled Intersymbol
Interference Channels

SUBMISSION OF CREDIT CARD PAYMENT

Assistant Commissioner for Patents
Washington, D.C. 20231


Sir:

Please charge fees associated with the subject filing to the following:
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Respectfully submitted,


Eric B. Janofsky
Attorney for Applicants
Registration No. 30759

Date: August 6, 2001

Form PTO-1449 (REV. 8-83) DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (USE SEPARATE SHEETS IF NECESSARY) PAGE 1 OF 2	SERIAL NO. 09/901,507	ATTY DOCKET NO. MP0077
	APPLICANT Wu, Zining et al.	
	FILING DATE July 9, 2001	GROUP Unassigned

U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA 09/559,186	4/27/00	Nazari et al.			
	AB 09/730,597	12/7/00	Burd et al.			
	AC 09/730,598	12/7/00	Burd et al.			
	AD 09/730,603	12/7/00	Wu et al.			
	AE 09/730,752	12/7/00	Burd et al.			
	AF 4,295,218	10/81	Tanner			
	AG 5,537,444	7/96	Nill et al.			
	AH 5,757,821	5/98	Jamal et al.			
	AI 5,926,232	7/99	Mangold et al.			
	AJ 5,933,462	8/99	Viterbi et al.			
	AK 6,002,716	12/99	Meyer et al.			

FOREIGN PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	AL WO 96/37050	11/96	PCT			
	AM WO 00/19616 A2	4/00	PCT			
	AN WO 00/19616 A3	4/00	PCT			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AO	"Low Density Parity-Check Codes", R.G. Gallager, 1963
AP	"Good Error-Correcting Codes Based on Very Sparse Matrces", D.J.C. MacKay, IEEE Transactions on Information Theory, Vol. 45, No. 2, March 1999
AQ	"An Intuitive Justification and a Simplified Implementation of the MAP Decoder for Convolutional Codes", A.J. Viterbi, IEEE Journal On Selected Areas in Communications, Vol. 16, No. 2, February, 1998.
AR	"Coding and Iterative Detection for Magnetic Recording Channels", The Kluwer International Series in Engineering and Computer Science, Zining Wu
AS	"Coding, Iterative Detection and Timing Recovery for Magnetic Recording Channels, A Dissertation", Zining Wu

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 (REV 8-83)	DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. 09/901507	ATTY DOCKET NO. MP0077
INFORMATION DISCLOSURE CITATION (USE SEPARATE SHEETS IF NECESSARY)		APPLICANT Wu, Zining et al.	
PAGE 2 OF 2		FILING DATE July 9, 2001	GROUP Unassigned

U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE
	AT 6,009,549	12/99	Bliss et al.			
	AU 6,021,518	02/00	Pelz			
	AV 6,028,728	02/00	Reed			
	AW 6,081,918	6/00	Spielman			

FOREIGN PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANS- LATION

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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